


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐**APPLICATION FOR PERMIT TO DRILL**

2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				1. WELL NAME and NUMBER Wilcken 15-23-4-2		
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO				3. FIELD OR WILDCAT MONUMENT BUTTE		
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY				5. UNIT or COMMUNITIZATION AGREEMENT NAME		
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052				7. OPERATOR PHONE 435 646-4825		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee		11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>		9. OPERATOR E-MAIL mcrozier@newfield.com		
12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				13. NAME OF SURFACE OWNER (if box 12 = 'fee') Hal and Barbara D. Wilcken		
14. SURFACE OWNER PHONE (if box 12 = 'fee')				15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 5493 S 640 W , Salt Lake City, UT 84123		
16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		
18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>				19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	660 FSL 1980 FEL	SWSE	23	4.0 S	2.0 W	U
Top of Uppermost Producing Zone	660 FSL 1980 FEL	SWSE	23	4.0 S	2.0 W	U
At Total Depth	660 FSL 1980 FEL	SWSE	23	4.0 S	2.0 W	U
21. COUNTY DUCHESNE		22. DISTANCE TO NEAREST LEASE LINE (Feet) 660		23. NUMBER OF ACRES IN DRILLING UNIT 40		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1321		26. PROPOSED DEPTH MD: 7025 TVD: 7025		
27. ELEVATION - GROUND LEVEL 5313		28. BOND NUMBER B001834		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-7478		

ATTACHMENTS**VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

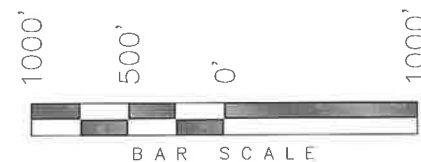
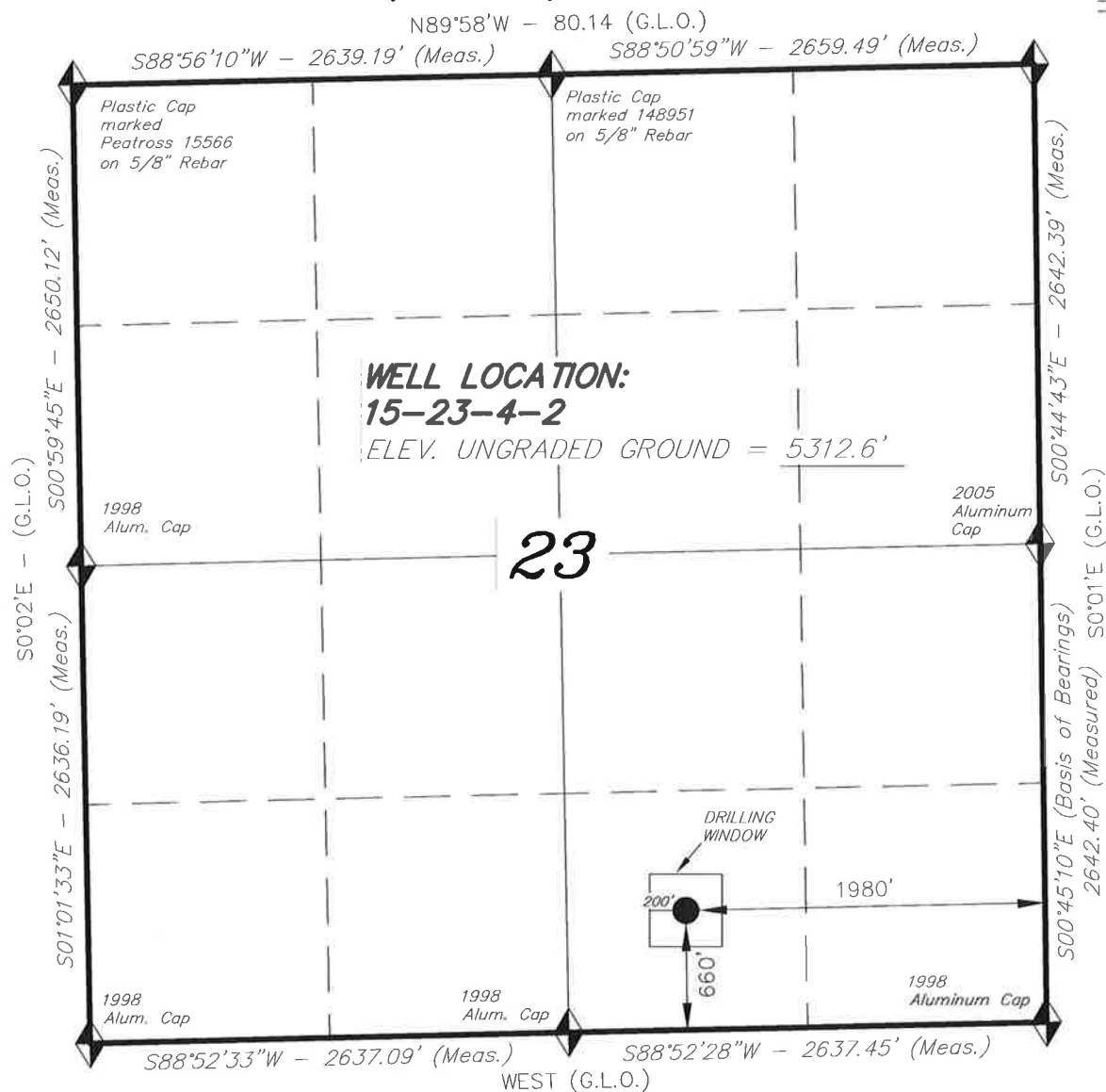
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP
NAME Mandie Crozier	TITLE Regulatory Tech
SIGNATURE	DATE 04/14/2010
PHONE 435 646-4825	EMAIL mcrozier@newfield.com
API NUMBER ASSIGNED 43013503030000	APPROVAL  Permit Manager

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	5.5	0	7025		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	7025	15.5			

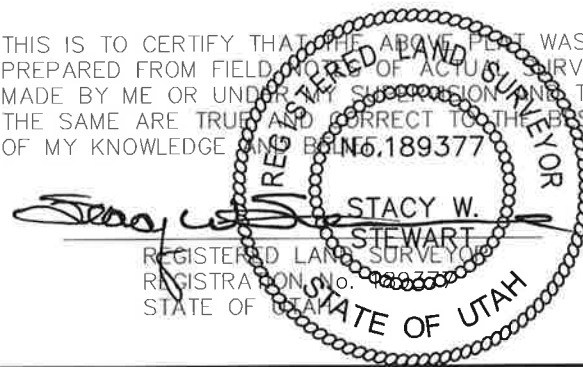
Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	8.625	0	400		
Pipe	Grade	Length	Weight			
	Grade J-55 ST&C	400	24.0			

T4S, R2W, U.S.B.&M.**NEWFIELD PRODUCTION COMPANY**

WELL LOCATION, 15-23-4-2, LOCATED
AS SHOWN IN THE SW 1/4 SE 1/4 OF
SECTION 23, T4S, R2W, U.S.B.&M.
DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST
OF MY KNOWLEDGE AND BELIEF.



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are base on
LOCATION: an N.G.S. OPUS Correction.
LAT. 40°04'09.56" LONG. 110°00'43.28"
(Tristate Aluminum Cap) Elev. 5281.57'

15-23-4-2
(Surface Location) NAD 83
LATITUDE = 40° 06' 54.29"
LONGITUDE = 110° 04' 26.98"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 01-30-10	SURVEYED BY: C.M.
DATE DRAWN: 02-03-10	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

SURFACE USE AGREEMENT

THIS AGREEMENT, made and entered into by and between Hal Wilcken and Barbara D. Wilcken,
individually and as husband and wife,
parties of the first part, hereinafter collectively referred to as "Owner", of 5493 South 640 West
Murray, UT 84123 and Inland Production Company, party of the
second part, hereinafter referred to as "Inland", of 475 - 17th Street, Suite 1500, Denver, Colorado 80202

WITNESSETH:

WHEREAS, Owner is the owner in fee of all or a portion of the surface to the following described lands situated in Duchesne County, Utah, to-wit:

Township 4 South, Range 2 West Uintah Special Meridian
Sec 23: Lot 9
Sec 24: SW/4SE/4

WHEREAS, the parties desire to settle their dispute on all claims for use of the surface and damage to crops arising from the drilling, completion and production activities and operations, and agree as to the measure of settlement for operations conducted by Inland on surface owned or controlled by Owner, above described, subject to the terms of this Agreement.

NOW, THEREFORE, in consideration of the mutual covenants herein contained, the parties agree as follows:

1. For wells located on crop land, within thirty (30) days after construction of any drillsite locations, and /or access roads upon the surface of crop land owned by Owner, Inland shall make a one-time payment to Owner of One Thousand Five Hundred Dollars (\$1,500.00) per acre used by Inland for such drillsite locations and /or access roads. Such payment shall be for the use of the surface and damage to crops and shall cover the year in which such construction occurred. Crop land is defined as that which is now cultivated, seeded, harvested and the crop sold.
2. For wells located on non-crop land, within thirty (30) days after construction of any drillsite locations and/or access roads upon the surface of non-crop land owned by Owner, Inland shall make a one-time payment to Owner calculated at the rate of One Thousand Dollars (\$1,000.00) per acre utilized by Inland in its operations.
3. a). For pipeline right-of-way construction in which a pipeline is laid through surface owned by Owner, Inland shall make a one-time payment of a sum calculated at a rate of Five Dollars (\$5.00) per running rod; provided, however, as to any part of said pipeline construction which takes place on crop land after commencement of seasonal cultivation but prior to harvest time, the rate shall be calculated at a rate of Ten Dollars (\$10.00) per running rod utilized by Inland in its operations. When requested by Owner, pipelines shall be buried below plow depth and surface areas impacted by the construction shall be rehabilitated, including the reseeding of crop land.

b). In the event related pipeline facilities such as a compressor site are constructed on crop land owned by Owner, Inland agrees to make a one-time payment to Owner of One Thousand Five Hundred (\$1,500.00) per acre utilized by Inland in its operations. Should such related pipeline facilities be located on non-crop land, Inland shall make a one-time payment calculated at a rate of One Thousand Dollars (\$1,000.00) per acre utilized by Inland in its operations.

Surface Use Agreement
Page 2

4. Owner agrees that upon receipt of the payments provided for in this Agreement for any future wells that may be drilled on surface owned by Owner, Inland shall be released and discharged from any and all claims, demands and losses arising out of such future operations for crop damage, acreage out of cultivation, interruption or interference with agricultural improvements and other claims.
5. For payments to be made and received under this Agreement, Owner agrees to protect, indemnify and save Inland and its employees, agents and contractors free and harmless from and against any and all claims, demands and losses, including costs and attorneys fees, accrued or accruing to Owner, its employees and/or tenants arising directly or indirectly in connection with operations by Inland, its employees, agents and contractors.
6. Following the completion of any well, Inland agrees to promptly clean up and maintain all areas of land continuing to be utilized in connection with oil and gas operations and to pay the cost of reclaiming and reseeding upon cessation of use.
7. This Agreement shall be binding upon and shall be for the benefit of the successors and assigns of Owner and Inland whether assigned, devised, bequeathed or otherwise transferred in whole or part by either of the parties hereto. The conditions herein contained shall be covenants running with the land.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the 17th day of April, 1997.

SURFACE OWNERS:

X Hal Wilcken
(Hal Wilcken)

X Barbara D. Wilcken
(Barbara D. Wilcken)

INLAND PRODUCTION COMPANY

Chris A Potter
Chris A Potter, Attorney-in-Fact

Surface & Minerals
Prospect/Unit name
Lease NO. _____

NEWFIELD PRODUCTION COMPANY
WILCKEN 15-23-4-2
SW/SE SECTION 23, T4S, R2W
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 1,905'
Green River	1,905'
Wasatch	6,775'
Proposed TD	7,025'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation (Oil) 1,905' – 6,775'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. PROPOSED CASING PROGRAM

a. Casing Design: Wilcken 15-23-4-2

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	400'	24.0	J-55	STC	2,950 13.15	1,370 10.77	244,000 25.42
Prod casing 5-1/2"	0'	7,025'	15.5	J-55	LTC	4,810 2.15	4,040 1.81	217,000 1.99

Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure – gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
 Pore pressure at surface casing shoe = 8.33 ppg
 Pore pressure at prod casing shoe = 8.33 ppg
 Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: Wilcken 15-23-4-2

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	400'	Class G w/ 2% CaCl	183 215	30%	15.8	1.17
Prod casing Lead	5,025'	Prem Lite II w/ 10% gel + 3% KCl	347 1132	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

- *Actual volume pumped will be 15% over the caliper log
- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
 - Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ± 400 feet will be drilled with an air/mist system. The air rig is equipped with a 6 $\frac{1}{2}$ " blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ± 400 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 400' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the third quarter of 2010, and take approximately seven (7) days from spud to rig release.

2-M SYSTEM

Blowout Prevention Equipment Systems

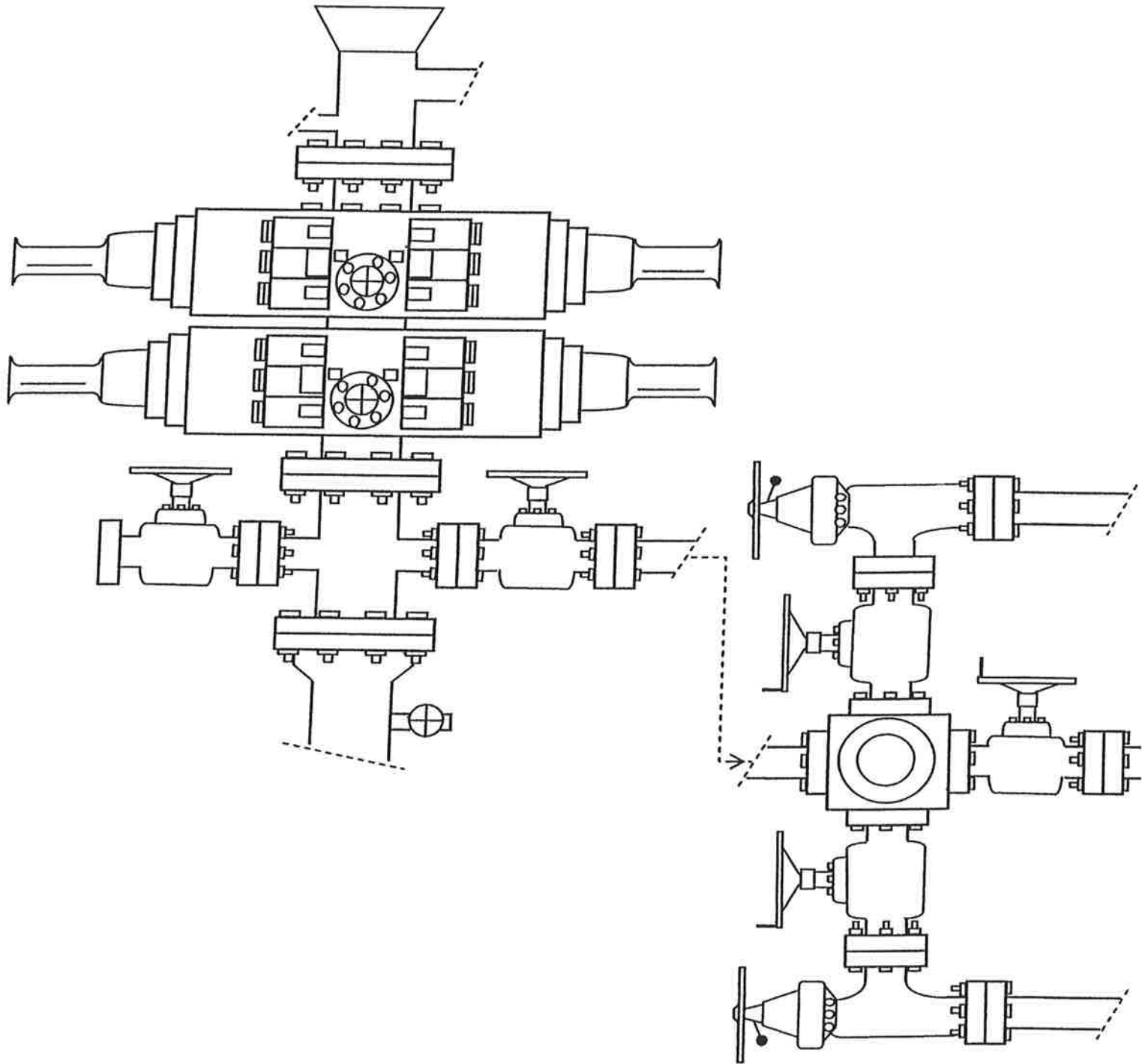
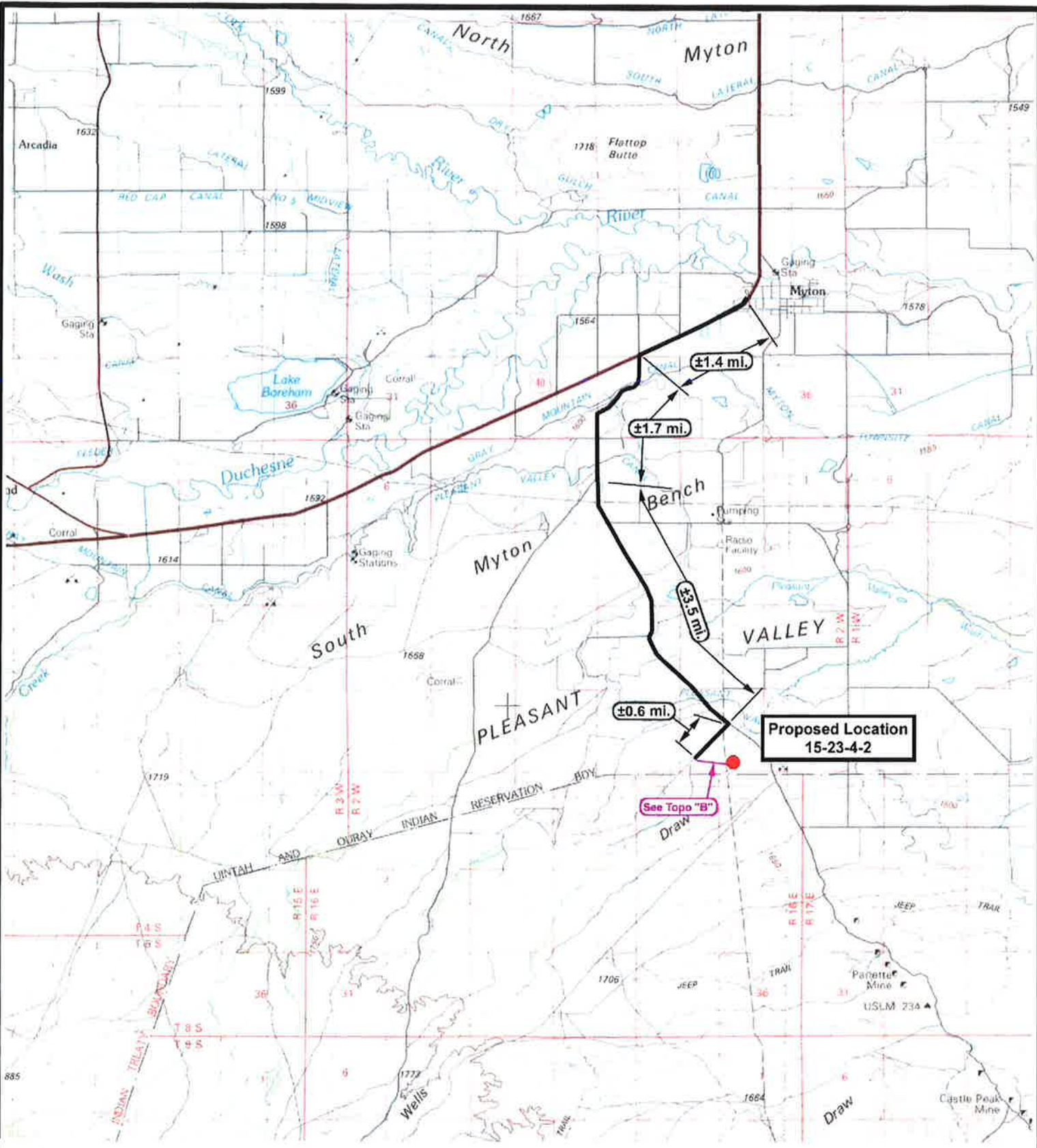




EXHIBIT C





NEWFIELD
Exploration Company


15-23-4-2
SEC. 23, T4S, R2W, U.S.B.&M.




Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 : 100,000
DRAWN BY: mw
DATE: 02-03-2010

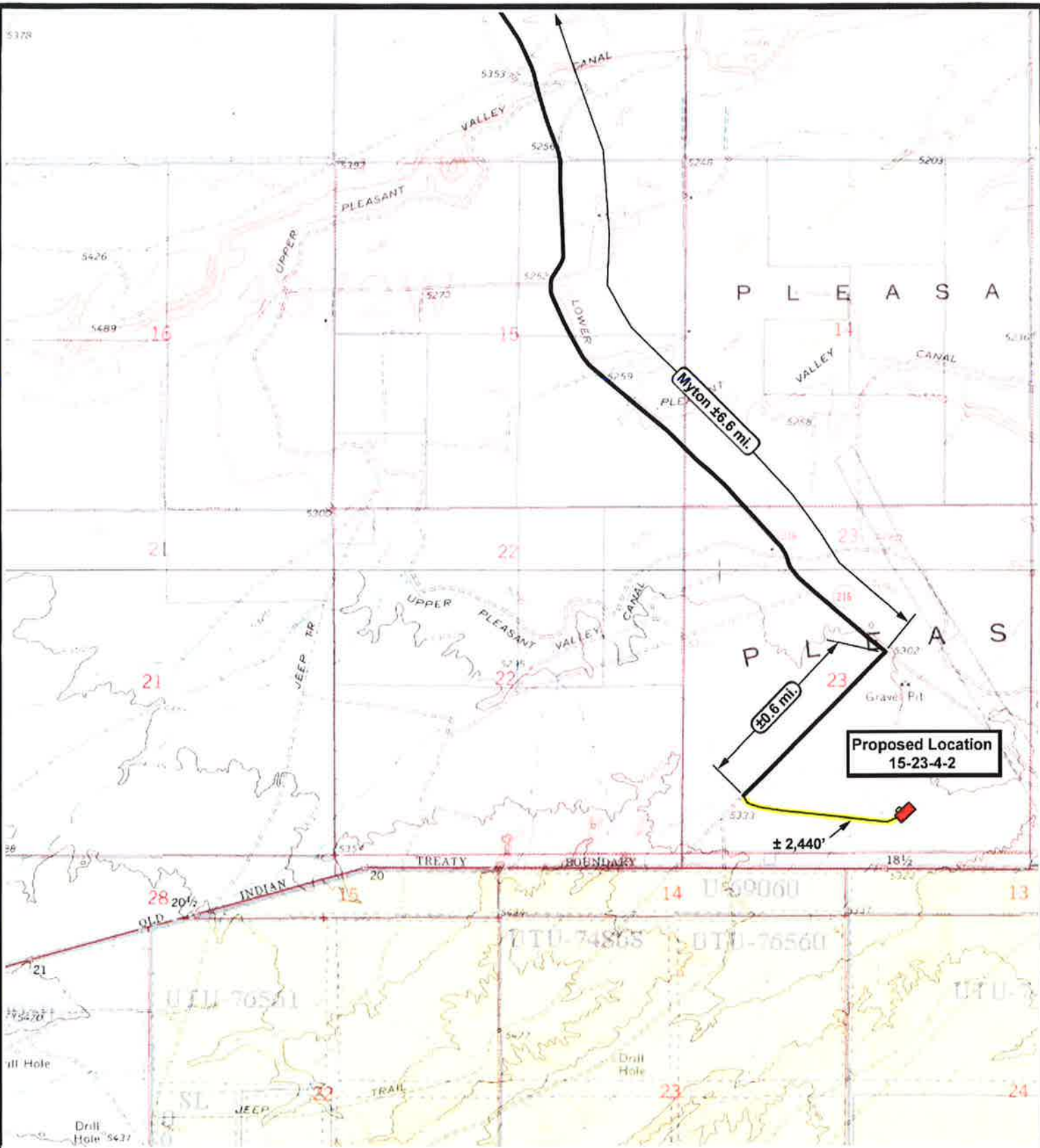
Legend


 Existing Road

 Proposed Access

TOPOGRAPHIC MAP

"A"





NEWFIELD
Exploration Company

15-23-4-2
SEC. 23, T4S, R2W, U.S.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 02-03-2010

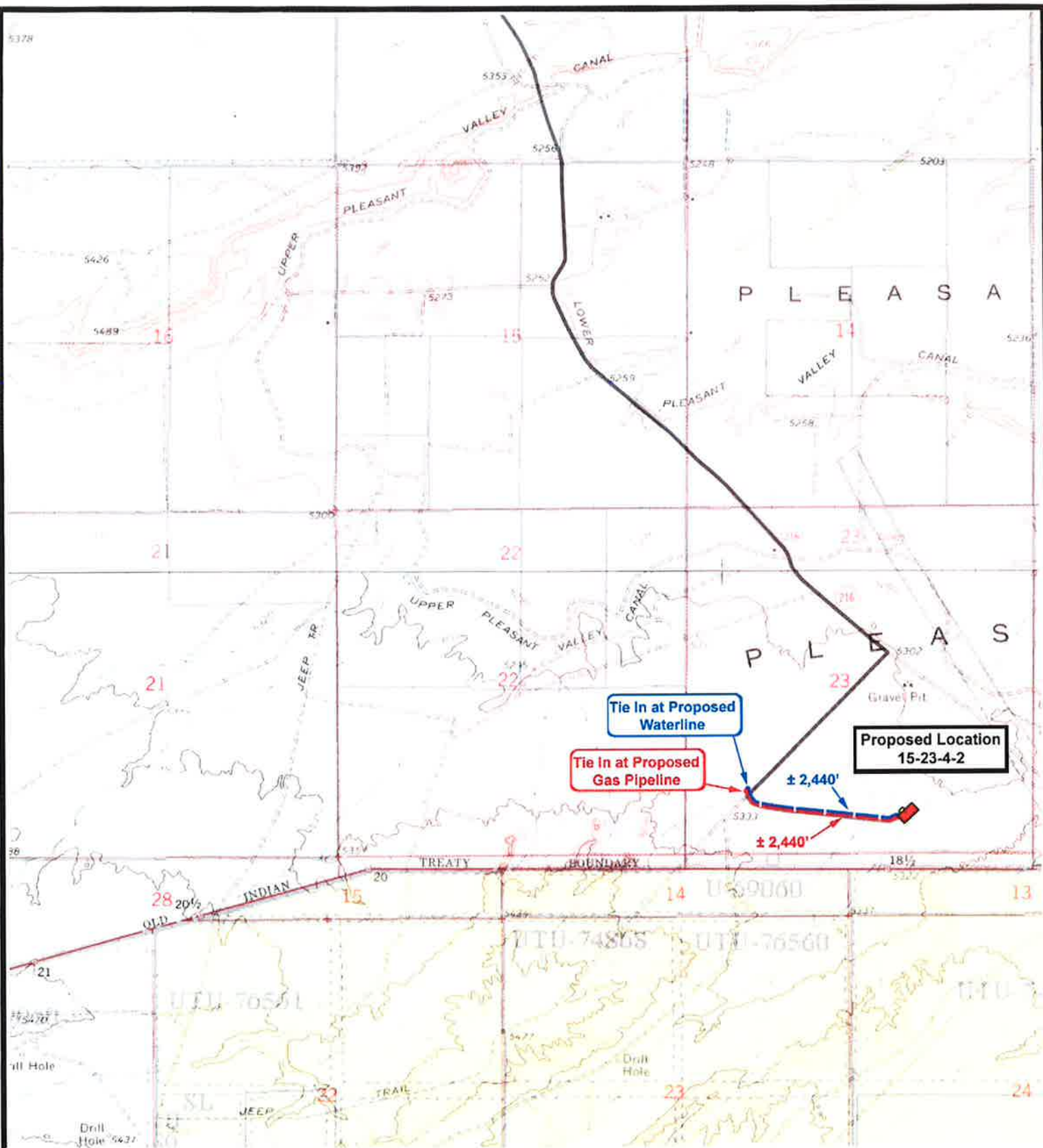
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Existing Road

Proposed Access

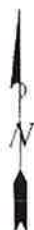
TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

15-23-4-2
SEC. 23, T4S, R2W, U.S.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'

DRAWN BY: mw

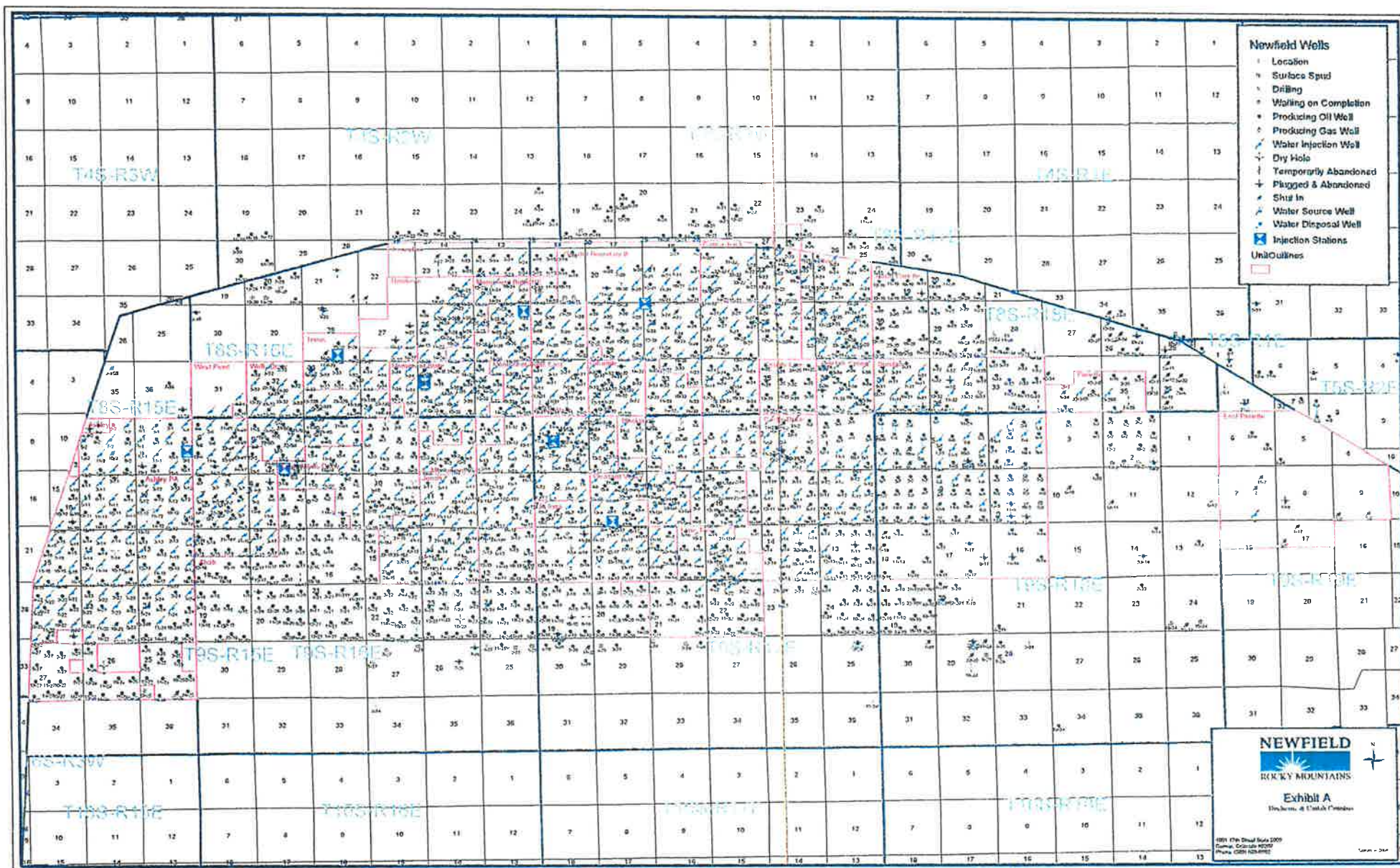
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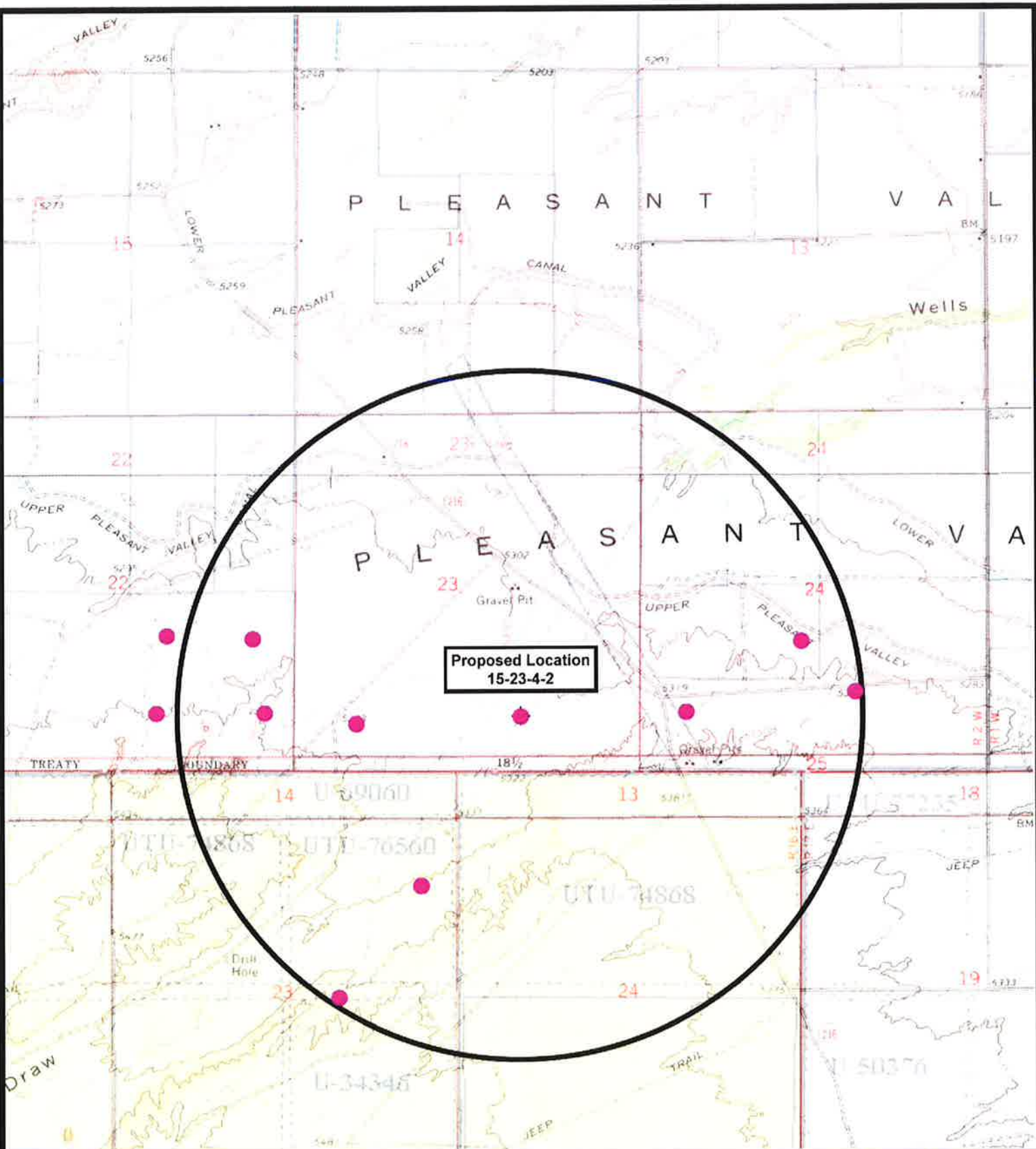
Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP

"C"





NEWFIELD
Exploration Company

15-23-4-2
SEC. 23, T4S, R2W, U.S.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 02-03-2010

Legend

- Location
- One-Mile Radius

Exhibit "B"

NEWFIELD PRODUCTION COMPANY
WILCKEN 15-23-4-2
SW/SE SECTION 23, T4S, R2W
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. **EXISTING ROADS**

See attached **Topographic Map “A”**

To reach Newfield Production Company well location site Wilcken 15-23-4-2 located in the SW¼ SE¼ Section 23, T4S, R2W, S.L.B. & M., Duchesne County, Utah:

Proceed in a southwesterly direction out of Myton, approximately 1.4 miles to it's junction with an existing road to the south; proceed in a southeasterly direction approximately 5.2 miles to it's junction with an existing road to the southwest; proceed southwesterly approximately 0.6 miles to it's junction with the beginning of the proposed access road to the east; proceed easterly along the proposed access road approximately 2,440' to the proposed well location.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. **PLANNED ACCESS ROAD**

Approximately 2,440' of access road is proposed. See attached **Topographic Map “B”**.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to **EXHIBIT B**.

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-7478

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous

will be placed in this pit. A 16 mil liner with felt will be required. Newfield requests approval that a flare pit be constructed and utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** Larry and Jean Wilcken.
See attached Memorandum of Surface Use Agreement and Easement ROW.

12. **OTHER ADDITIONAL INFORMATION:**

Newfield Production Company requests 2,440' of disturbed area be granted for construction of the proposed gas lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line, with a permanent width of 30' upon completion of the proposed gas lines. The construction phase of the proposed gas lines will last approximately (5) days. Both proposed lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."**

Newfield Production Company requests 2,440' of disturbed area be granted to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. Both proposed lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological and Paleontological Report Waiver is attached.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Wilcken 15-23-4-2, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Wilcken 15-23-4-2 Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

Representative


Name: Tim Eaton
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #15-23-4-2, SW/SE Section 23, T4S, R2W, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Bond #B001834.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

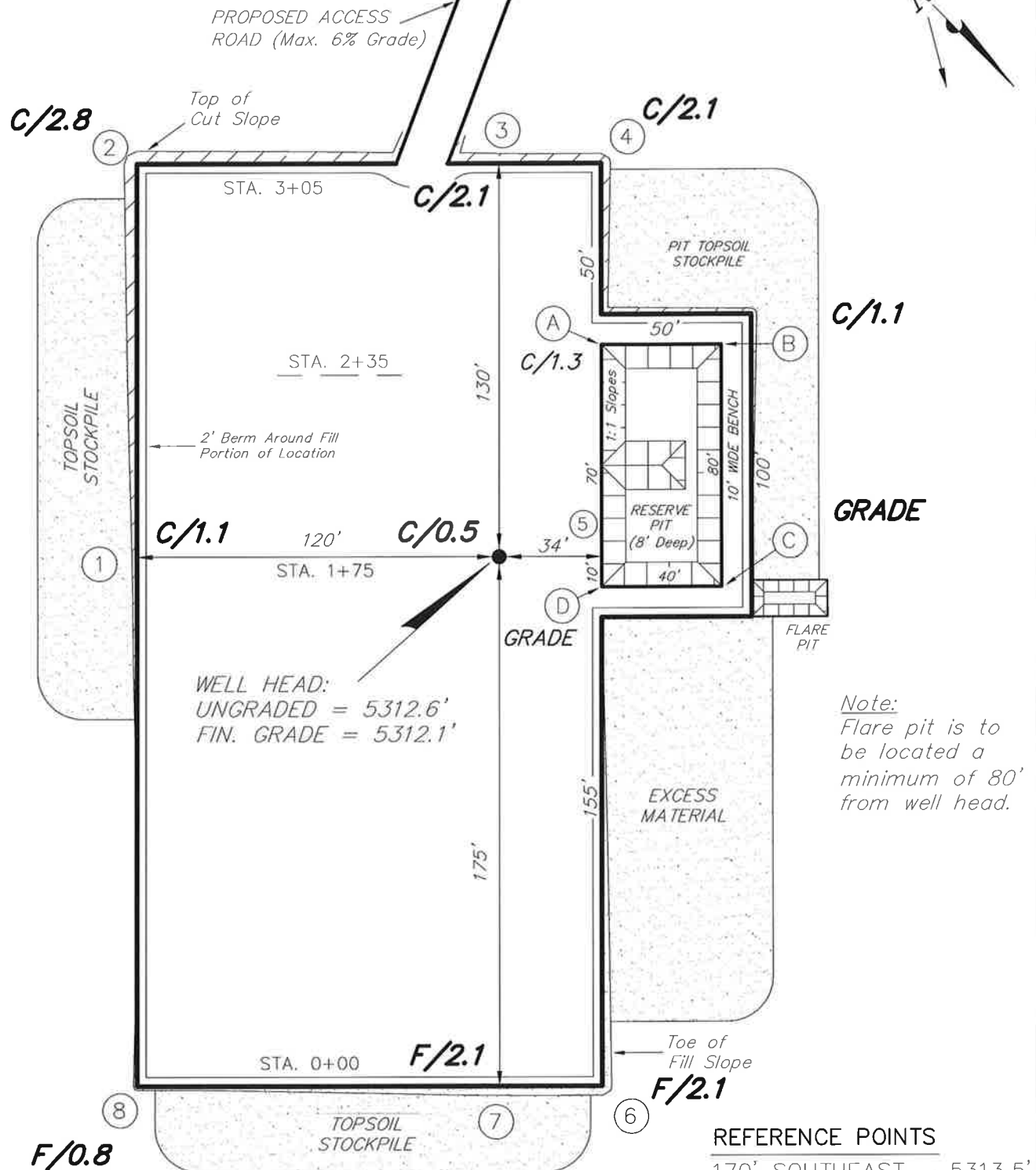
4/14/10
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

15-23-4-2

Section 23, T4S, R2W, U.S.B.&M.



SURVEYED BY: C.M.

DATE SURVEYED: 01-30-10

DRAWN BY: M.W.

DATE DRAWN: 02-03-10

SCALE: 1" = 50'

REVISED:

Tri State
Land Surveying, Inc.

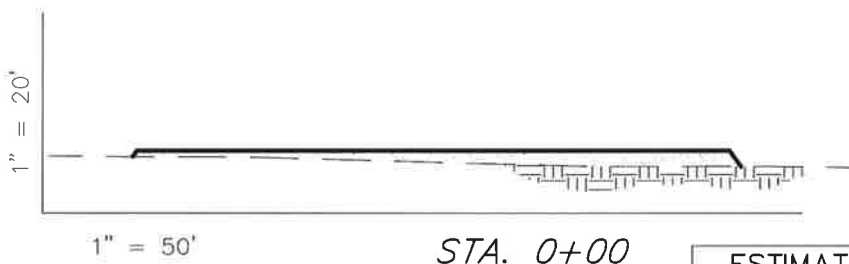
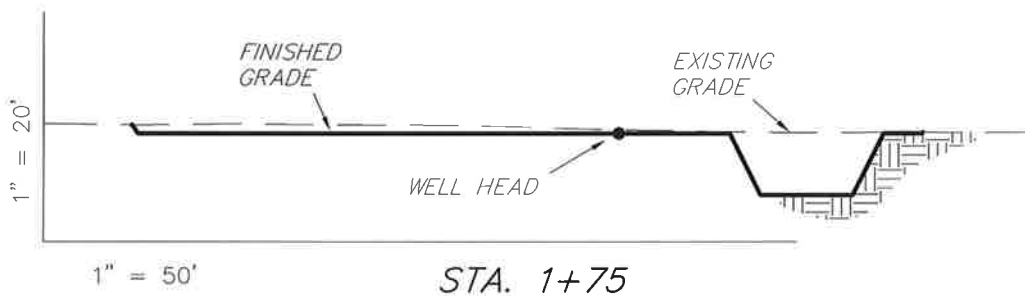
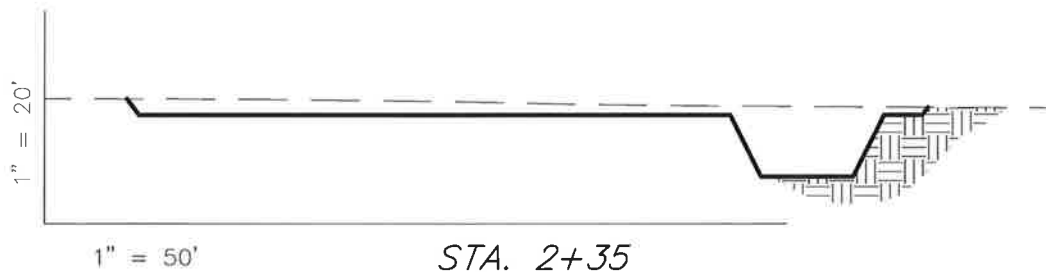
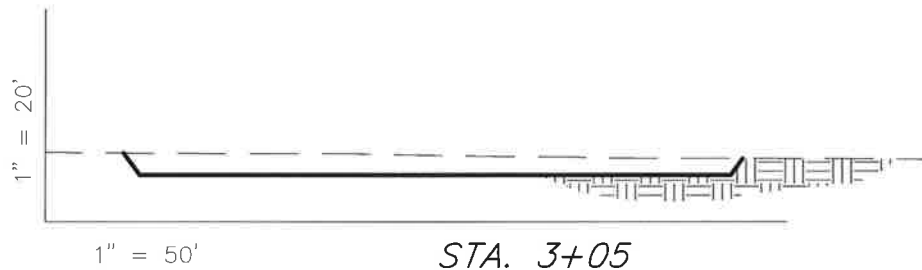
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

15-23-4-2



NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,000	1,000	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	1,640	1,000	1,010	640

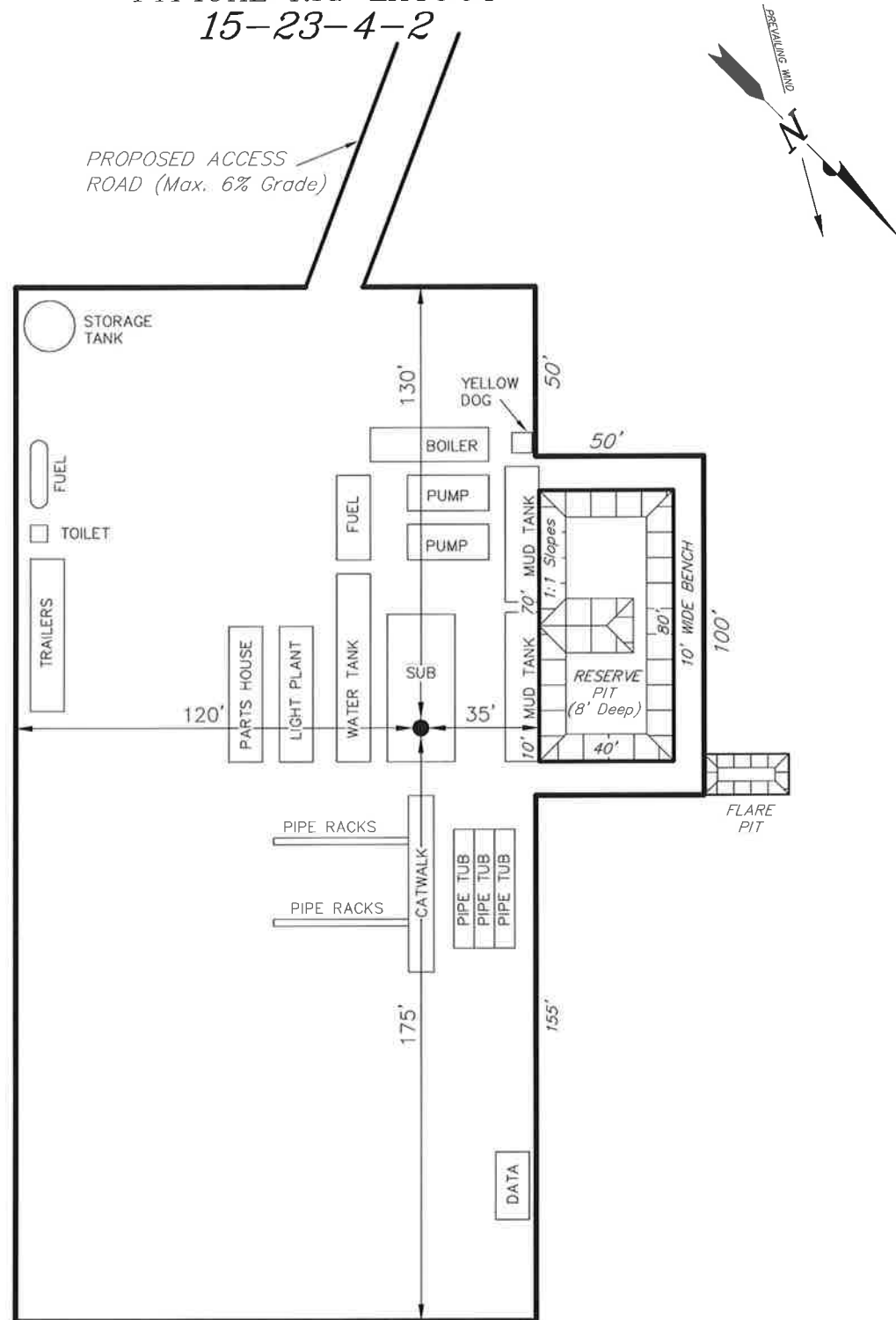
SURVEYED BY: C.M. DATE SURVEYED: 01-30-10
DRAWN BY: M.W. DATE DRAWN: 02-03-10
SCALE: 1" = 50' REVISED:

Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

15-23-4-2



SURVEYED BY: C.M.

DATE SURVEYED: 01-30-10

DRAWN BY: M.W.

DATE DRAWN: 02-03-10

SCALE: 1" = 50'

REVISED:

Tri State
Land Surveying, Inc.

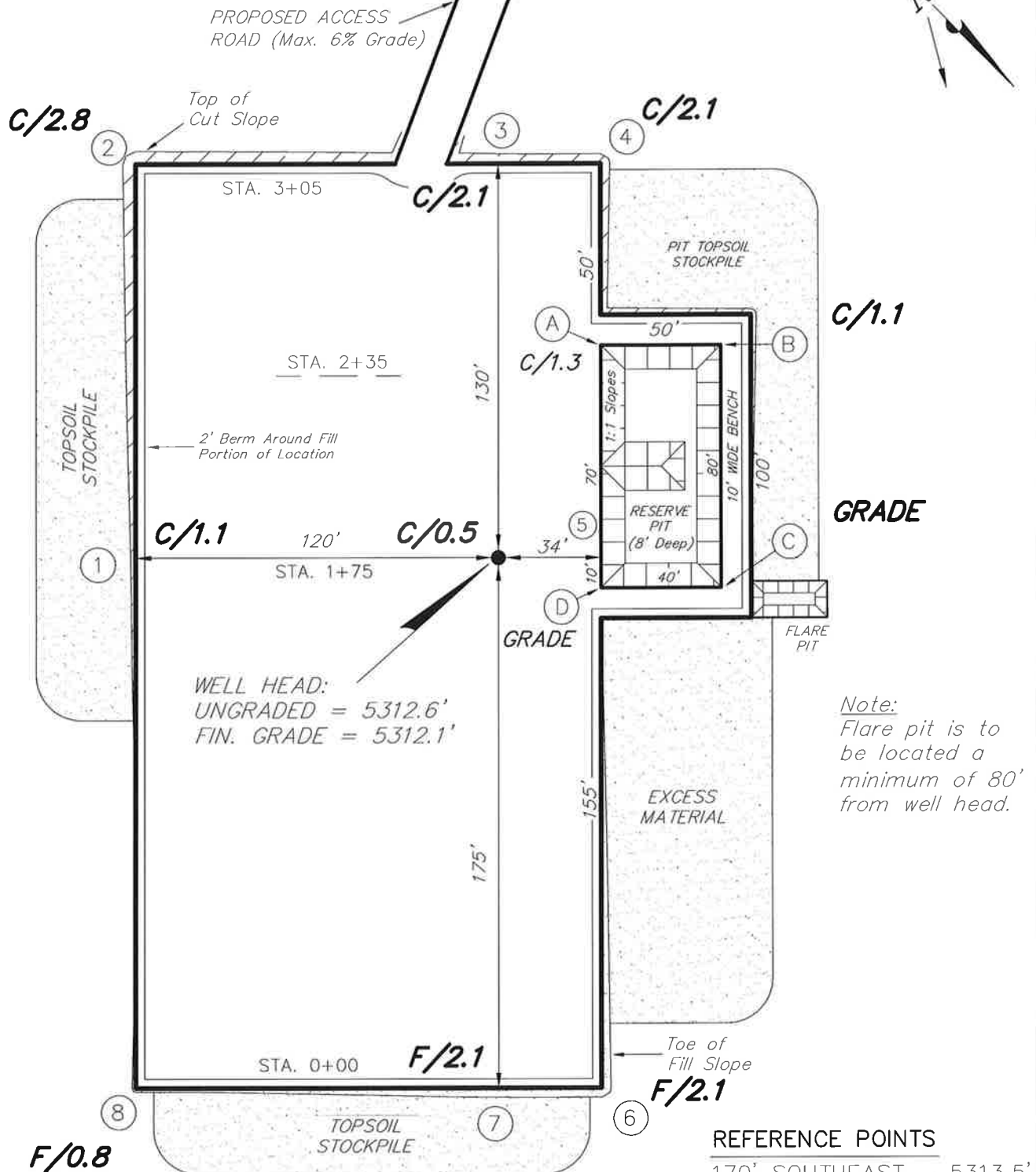
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

15-23-4-2

Section 23, T4S, R2W, U.S.B.&M.



SURVEYED BY: C.M.

DATE SURVEYED: 01-30-10

DRAWN BY: M.W.

DATE DRAWN: 02-03-10

SCALE: 1" = 50'

REVISED:

Tri State
 Land Surveying, Inc.

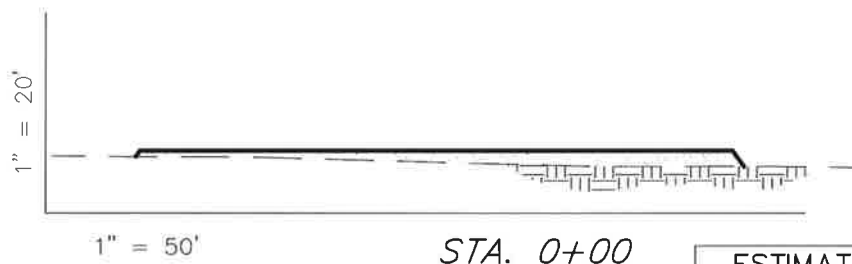
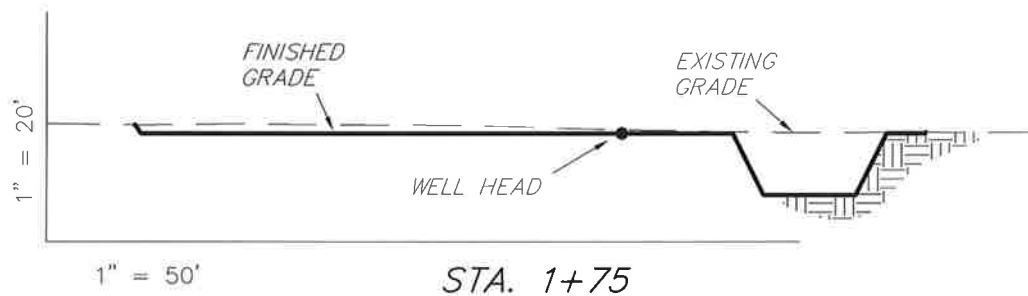
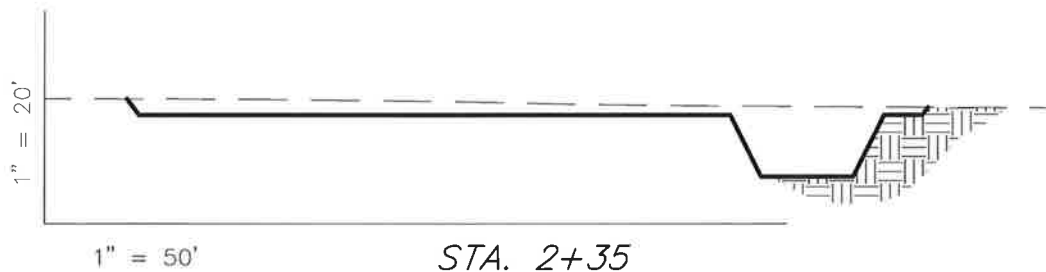
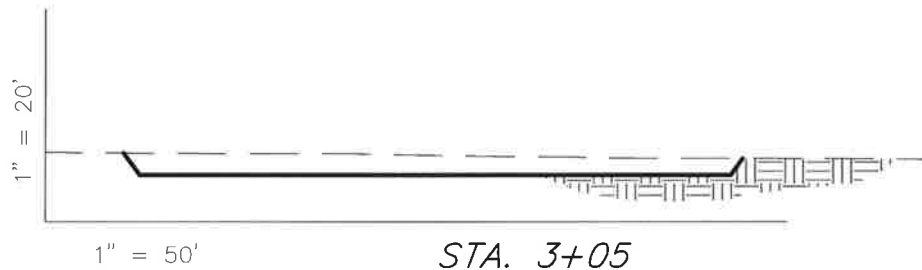
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

15-23-4-2



NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

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PIT	640	0		640
TOTALS	1,640	1,000	1,010	640

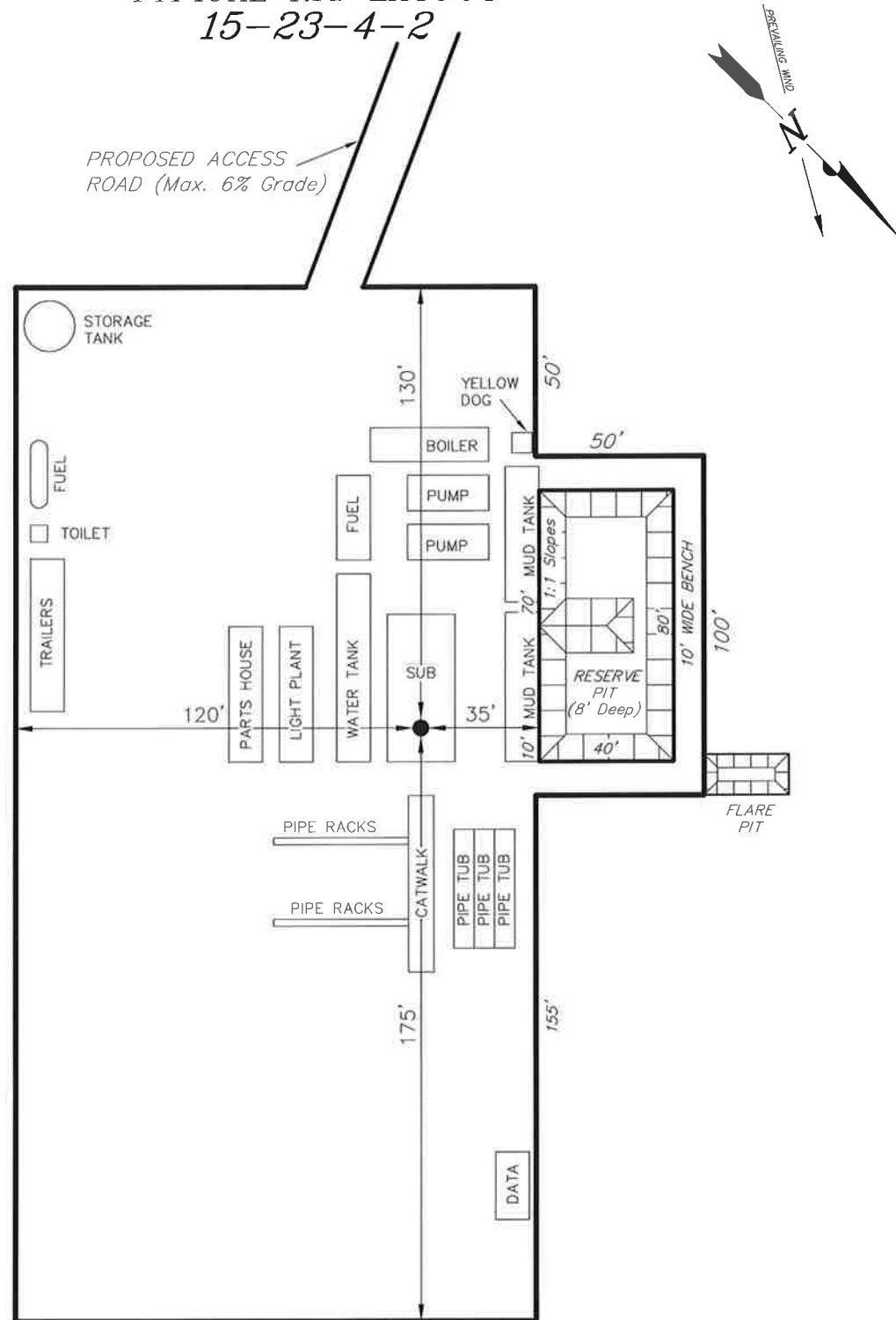
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DRAWN BY: M.W. DATE DRAWN: 02-03-10
SCALE: 1" = 50' REVISED:

Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

15-23-4-2



SURVEYED BY: C.M.

DATE SURVEYED: 01-30-10

DRAWN BY: M.W.

DATE DRAWN: 02-03-10

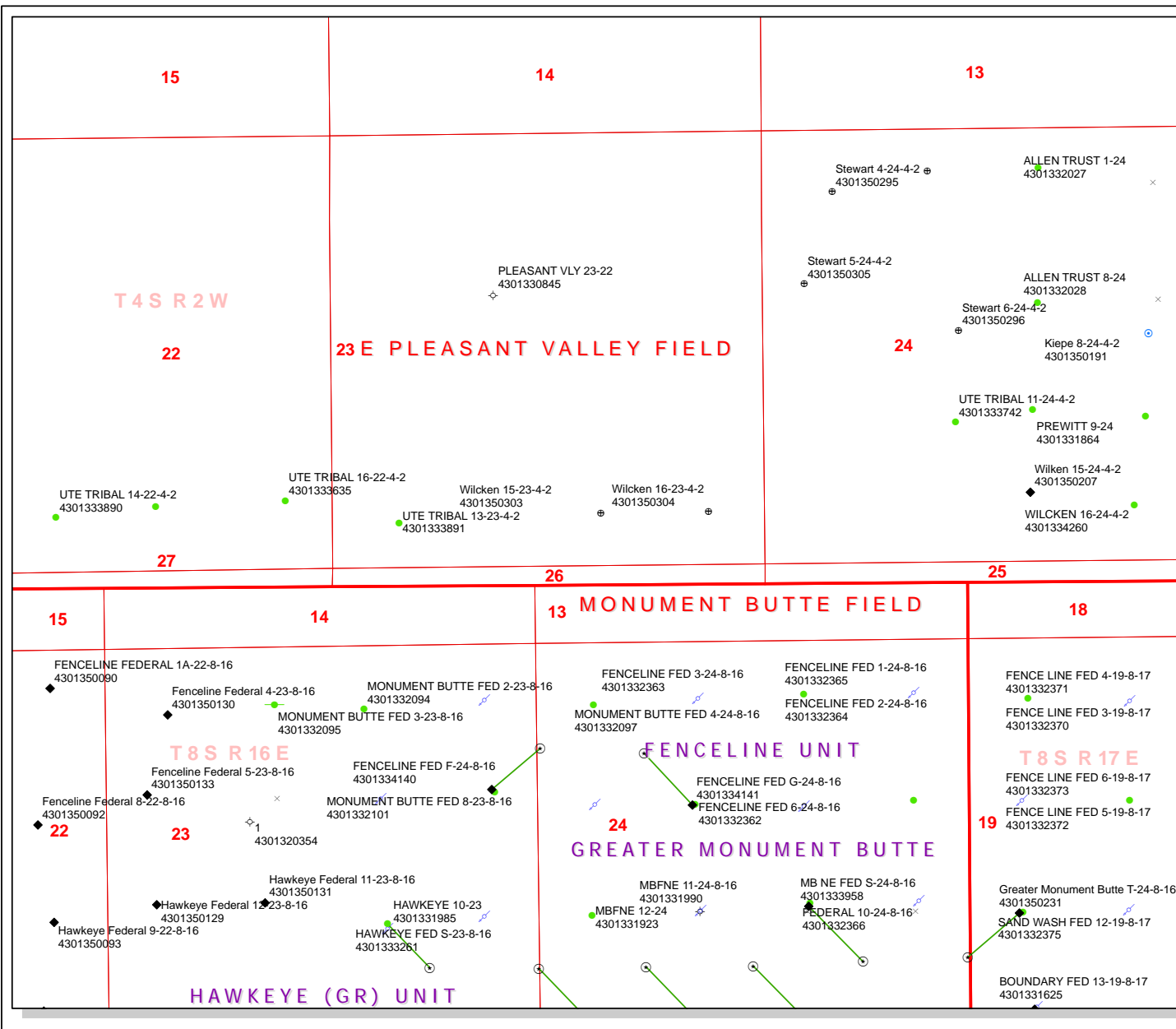
SCALE: 1" = 50'

REVISED:

Tri State
Land Surveying, Inc.

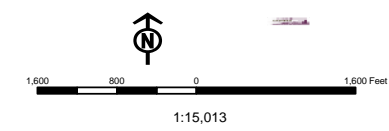
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078



API Number: 4301350303
Well Name: Wilcken 15-23-4-2
Township 04.0 S Range 02.0 W Section 23
Meridian: UBM
 Operator: NEWFIELD PRODUCTION COMPANY
 Map Prepared:
 Map Produced by Diana Mason

- | | |
|---|--|
| Units STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERMAL
PP OIL
SECONDARY
TERMINATED
Fields
Sections
Township | Wells Query
<all other values>
Status
APD - Approved Permit
DRL - Spudded (Drilling Commenced)
GIW - Gas Injection
GS - Gas Storage
LA - Location Abandoned
LOC - New Location
OPS - Operation Suspended
PA - Plugged Abandoned
PGW - Producing Gas Well
POW - Producing Oil Well
RET - Returned APD
SGW - Shut-in Gas Well
SOW - Shut-in Oil Well
TA - Temp. Abandoned
TW - Test Well
WDW - Water Disposal
WIW - Water Injection Well
WSW - Water Supply Well |
|---|--|



Well Name	NEWFIELD PRODUCTION COMPANY Wilcken 15-23-4-2 43013503030000			
String	Surf	Prod		
Casing Size(in)	8.625	5.500		
Setting Depth (TVD)	400	7025		
Previous Shoe Setting Depth (TVD)	0	400		
Max Mud Weight (ppg)	8.3	8.3		
BOPE Proposed (psi)	500	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	3041	8.3		

Calculations	Surf String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	173	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	125	YES air drill
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	85	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	85	NO OK
Required Casing/BOPE Test Pressure=		400	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

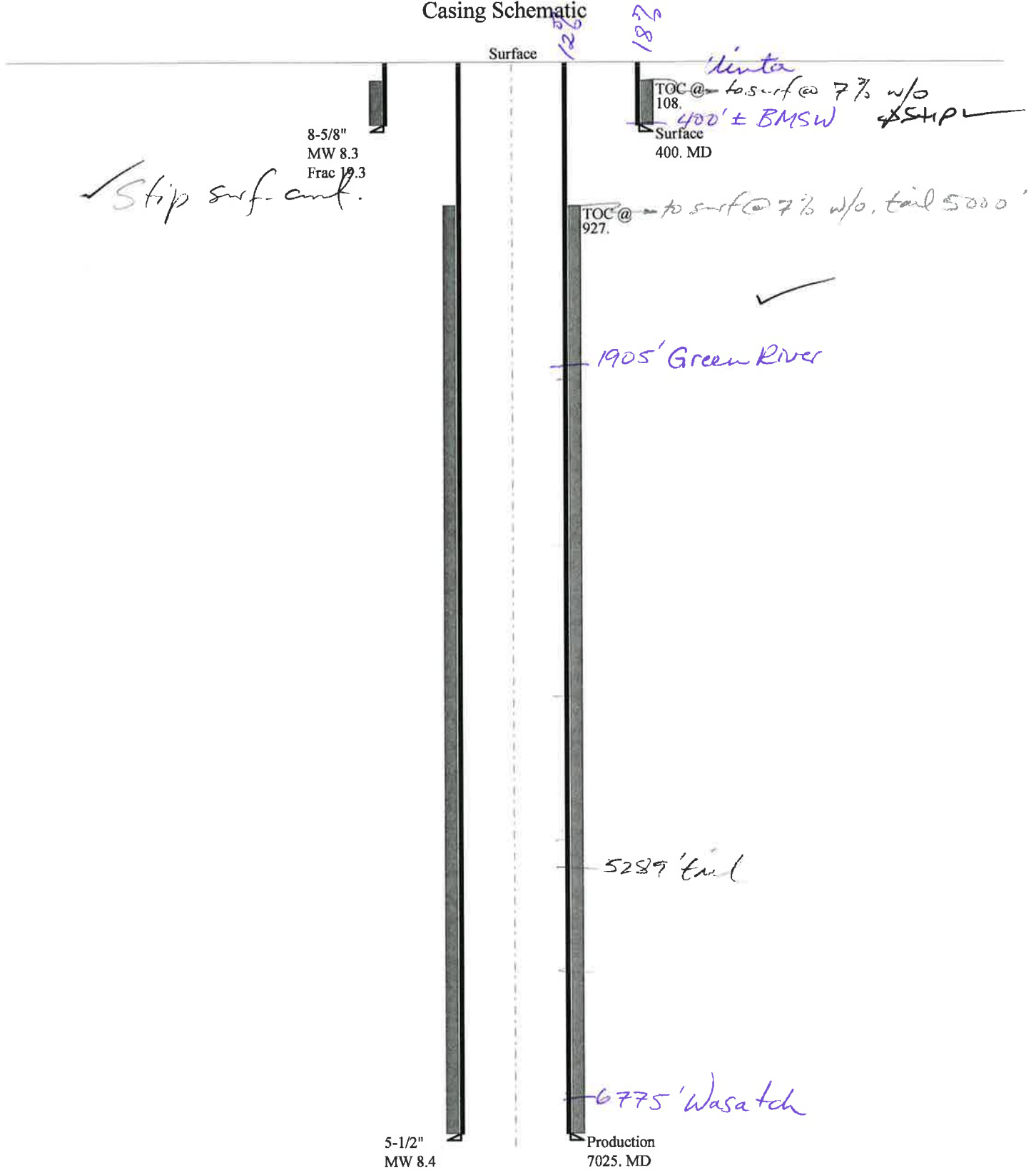
Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	3032	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2189	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1487	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1575	NO Reasonable for area
Required Casing/BOPE Test Pressure=		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		400	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

43013503030000 Wilcken 15-23-4-2

Casing Schematic



Well name:	43013503030000 Wilcken 15-23-4-2		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Surface	Project ID:	43-013-50303
Location:	DUCHESNE COUNTY		

Design parameters:
Collapse

Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 80 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 108 ft

Burst

Max anticipated surface pressure: 352 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 400 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 350 ft

Non-directional string.
Re subsequent strings:

Next setting depth: 7,025 ft
Next mud weight: 8.400 ppg
Next setting BHP: 3,065 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 400 ft
Injection pressure: 400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	400	8.625	24.00	J-55	ST&C	400	400	7.972	2059
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	173	1370	7.917	400	2950	7.38	9.6	244	25.42 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: May 11, 2010
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 400 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	43013503030000 Wilcken 15-23-4-2		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Production	Project ID:	43-013-50303
Location:	DUCESNE COUNTY		

Design parameters:
Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 172 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 927 ft

Burst

Max anticipated surface pressure: 1,520 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,065 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Non-directional string.

Tension is based on air weight.
Neutral point: 6,132 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	7025	5.5	15.50	J-55	LT&C	7025	7025	4.825	24805
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	3065	4040	1.318	3065	4810	1.57	108.9	217	1.99 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: May 11, 2010
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 7025 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

ON-SITE PREDRILL EVALUATION**Utah Division of Oil, Gas and Mining**

Operator	NEWFIELD PRODUCTION COMPANY				
Well Name	Wilcken 15-23-4-2				
API Number	43013503030000	APD No	2559	Field/Unit	MONUMENT BUTTE
Location: 1/4,1/4	SWSE	Sec 23	Tw 4.0S	Rng 2.0W	660 FSL 1980 FEL
GPS Coord (UTM)	578909 4440730	Surface Owner	Hal and Barbara D. Wilcken		

Participants

Floyd Bartlett (DOGM), Tim Eaton (Newfield Production Co.), Larry Wilcken, Eric Wilcken and Ted Wilcken (Representing Surface and Mineral Owners).

Regional/Local Setting & Topography

The proposed location is approximately 7.2 road miles southwest of Myton, Duchesne County, UT. in lower Wells Draw which is a significant ephemeral sub-drainage of Pleasant Valley Wash. Pleasant Valley Wash drains into the Pariette Draw drainage. Both of these drainages contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 11 miles downstream from the location. Broad flats in Pleasant Valley with those to the north frequently used for agriculture, characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Access is by State and County and planned oil field development roads. Approximately 2,440 feet of new road constructed across private land will be required to reach the location.

The proposed Wilcken 15-23-4-2 oil well location is in the wide flat bottom of Wells Draw approximately 4 miles up-drainage before it reaches Pleasant Valley Wash. The terrain has a gentle slope to the northeast. Area used for agriculture is to the north. The historic Old Indian Treaty Boundary is about 500 feet south of the well site. Only development in the area is an overhead power-line, which lies to the west beyond the pad. Significant excavation will not be required to construct the pad. Soils are a fine silty sandy loam. Some hardening of the surface of the pad may be desirable. No drainage diversions will be required. No springs, streams, seeps or ponds are known to exist in the immediate area. The location appears to be a suitable site for drilling and operating a well.

Hal Wilcken (deceased) and wife Barbara Wilcken of Murray, Utah own both the surface and minerals.

Surface Use Plan**Current Surface Use**

Grazing
Recreational
Wildlife Habitat

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.45	Width 203 Length 305	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?**Environmental Parameters**

Affected Floodplains and/or Wetlands N

Flora / Fauna

Greasewood dominates the vegetation. Some spring annuals are present. Bare openings are common between the greasewood.

Deer, small mammals and birds.

Soil Type and Characteristics

Deep fine silty sandy loam.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required? N

Berm Required? Y

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potential Observed?** N **Cultural Survey Run?** N **Cultural Resources?**

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	25 to 75	15
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		30

1 Sensitivity Level

Characteristics / Requirements

A 40' x 80' x 8' deep reserve pit is located in an area of cut on the southwest side of the location. A pit liner is required. Newfield commonly uses a 16-mil liner. A sub-liner may not be needed to cushion the pit liner.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?**

Other Observations / Comments

Floyd Bartlett
Evaluator

4/21/2010
Date / Time

Application for Permit to Drill

Statement of Basis

5/17/2010

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
2559	43013503030000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD	Hal and Barbara D. Wilcken	
Well Name	Wilcken 15-23-4-2		Unit		
Field	MONUMENT BUTTE		Type of Work	DRILL	
Location	SWSE 23 4S 2W U 660 FSL 1980 FEL GPS Coord (UTM) 578959E 4440729N				

Geologic Statement of Basis

Newfield proposes to set 400' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 400'. A search of Division of Water Rights records shows 6 water wells within a 10,000 foot radius of the center of Section 23. Uses for these wells are listed as domestic, irrigation and stock watering. Depth is listed for only 2 of the wells, at 24 and 70 feet. The well producing from 70 feet is approximately 3/4 mile northeast of the proposed location. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect ground water in this area.

Brad Hill
APD Evaluator

4/27/2010
Date / Time

Surface Statement of Basis

The proposed location is approximately 7.2 road miles southwest of Myton, Duchesne County, UT. in lower Wells Draw which is a significant ephemeral sub-drainage of Pleasant Valley Wash. Pleasant Valley Wash drains into the Pariette Draw drainage. Both of these drainages contain perennial streams somewhat consisting of irrigation runoff and seepage. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 11 miles downstream from the location. Broad flats in Pleasant Valley with those to the north frequently used for agriculture, characterize the area. Flats are intersected by drainages with gentle to moderate side slopes. Access is by State and County and planned oil field development roads. Approximately 2,440 feet of new road constructed across private land will be required to reach the location.

The proposed Wilcken 15-23-4-2 oil well location is in the wide flat bottom of Wells Draw approximately 4 miles up-drainage before it reaches Pleasant Valley Wash. The terrain has a gentle slope to the northeast. Area used for agriculture is to the north. The historic Old Indian Treaty Boundary is about 500 feet south of the well site. Only development in the area is an overhead power-line, which lies to the west beyond the pad. Significant excavation will not be required to construct the pad. Soils are a fine silty sandy loam. Some hardening of the surface of the pad may be desirable. No drainage diversions will be required. No springs, streams, seeps or ponds are known to exist in the immediate area. The location appears to be a suitable site for drilling and operating a well.

Hal Wilcken (deceased) and wife Barbara Wilcken of Murray, Utah own both the surface and minerals. Mrs. Wilcken was contacted by telephone. She said she would not attend the pre-site but would be represented by Mr. Larry Wilcken. A surface use agreement exists. Newfield was requested to make telephone contact with Mrs. Wilcken and discuss the content of the agreement.

Floyd Bartlett
Onsite Evaluator

4/21/2010
Date / Time

Application for Permit to Drill

Statement of Basis

5/17/2010

Utah Division of Oil, Gas and Mining

Page 2

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner as mneeded shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 4/14/2010

API NO. ASSIGNED: 43013503030000

WELL NAME: Wilcken 15-23-4-2

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: SWSE 23 040S 020W

Permit Tech Review: ☒

SURFACE: 0660 FSL 1980 FEL

Engineering Review: ☒

BOTTOM: 0660 FSL 1980 FEL

Geology Review: ☒

COUNTY: DUCHESNE

LATITUDE: 40.11506

LONGITUDE: -110.07347

UTM SURF EASTINGS: 578959.00

NORTHINGS: 4440729.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- ☒ **PLAT**
- ☒ **Bond:** STATE/FEE - B001834
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☒ **Water Permit:** 43-7478
- ☐ **RDCC Review:**
- ☒ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingle Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**
- Unit:**
- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☒ **Drilling Unit**
- Board Cause No:** R649-3-2
- Effective Date:**
- Siting:**
- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
5 - Statement of Basis - bhill
23 - Spacing - dmason
25 - Surface Casing - hmadonald



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Wilcken 15-23-4-2
API Well Number: 43013503030000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 5/18/2010

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Surface casing shall be cemented to the surface.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet
- Plug and abandonment of the well – contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

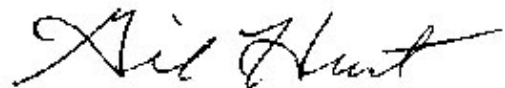
- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:



Gil Hunt
Associate Director, Oil & Gas

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	17400	4301334142	JONAH O-12-9-16	SWNW	12	9S	16E	DUCHESNE	12/2/2010	12/15/10
WELL 1 COMMENTS: GRRV BHL = NWSW											
A	99999	17898	4301350404	UTE TRIBAL 6-21-4-3W	SENW	21	4S	3W	DUCHESNE	12/3/2010	12/15/10
GRRV											
A	99999	17888	4301350405	UTE TRIBAL 8-21-4-3W	SENE	21	4S	3W	DUCHESNE	12/4/2010	
Duplicate of 12/14/10 with corrections on location & name											
A	99999	17899	4301350303	WILCKEN 15-23-4-2	SWSE	23	4S	2W	DUCHESNE	11/16/2010	12/15/10
GRRV											
A	99999	17900	4301350387	UTE TRIBAL 11-27-4-3	NESW	27	4S	3W	DUCHESNE	12/2/2010	12/15/10
GRRV											
B	99999	17400	4301334186	FEDERAL 8-30-8-16	SENE	30	8S	16E	DUCHESNE	12/9/2010	12/15/10
GRRV											

ACTION CODES (See Instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

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DEC 13 2010

DIV. OF OIL, GAS & MINING

Signature

Production Clerk

Jentri Park

12/13/10

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER 435.646.3721		8. WELL NAME and NUMBER: WILCKEN 15-23-4-2
4. LOCATION OF WELL: FQOTAGES AT SURFACE: 0660 FSL 1980 FEL OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSE, 23, T4S, R2W		9. API NUMBER: 4301350303
		10. FIELD AND POOL, OR WILDCAT: MYTON-TRIBAL EDA
		COUNTY: DUCHESNE
		STATE: UT

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 12/07/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Spud Notice
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 11/16/10 MIRU Ross # 21. Spud well @ 8:00 AM. Drill 425' of 12 1/4" hole with air mist. TIH W/ 10 Jt's 8 5/8" J-55 24 # csgn. Set @ 427.81 KB. On 12/3/10 cement with 200 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

NAME (PLEASE PRINT) Ryan Crum

TITLE Drilling Foreman

SIGNATURE

DATE 12/07/2010

(This space for State use only)

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JAN 03 2011

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT 427.81

LAST CASING 14 SET AT 76
 DATUM 12
 DATUM TO CUT OFF CASING 12
 DATUM TO BRADENHEAD FLANGE 12
 TD DRILLER 425 LOGGER _____
 HOLE SIZE 12 1/4"

OPERATOR Newfield Exploration Company
 WELL WILCKEN 15-23-4-2
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross # 21

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	CONDT	LENGTH
1		Well Head					A	0.95
10	8 5/8"	ST&C Casing (41.92 Shoe Joint)		24	J-55	STC	A	415.96
1		Guide Shoe						0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				417.81
TOTAL LENGTH OF STRING		417.81	10	LESS CUT OFF PIECE				2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG				12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH				427.81
TOTAL		415.96	10	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		415.96	10					
TIMING								
BEGIN RUN CSG.	Spud	4:00 PM	11/16/2010	GOOD CIRC THRU JOB				Yes
CSG. IN HOLE		8:00 AM	11/17/2010	Bbls CMT CIRC TO SURFACE				5
BEGIN CIRC		7:56 AM	12/3/2010	RECIPROCATED PIPE				No
BEGIN PUMP CMT		8:04 AM	12/3/2010					
BEGIN DSPL. CMT		8:15 AM	12/3/2010	BUMPED PLUG TO				140
PLUG DOWN		8:24 AM	12/3/2010					

[illegible]

COMPANY REPRESENTATIVE

Ryan Crum

DATE **12/3/2010**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:

FEE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL:

OIL WELL ☒

GAS WELL ☐

OTHER

8. WELL NAME and NUMBER:

WILCKEN 15-23-4-2

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301350303

3. ADDRESS OF OPERATOR:

Route 3 Box 3630

CITY Myton

STATE UT

ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

MYTON-TRIBAL EDA

4. LOCATION OF WELL:

FOOTAGES AT SURFACE:

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSE, 23, T4S, R2W

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 01/20/2011	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

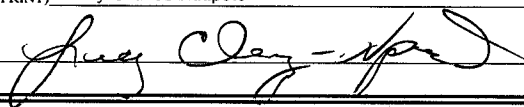
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 01-20-11, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE



DATE 01/21/2011

(This space for State use only)

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JAN 25 2011
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

WILCKEN 15-23-4-2**11/1/2010 To 3/28/2011****1/6/2011 Day: 1****Completion**

Rigless on 1/6/2011 - Run CBL & shoot first stage. - Install 5M frac head. NU 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6892' cement top @ 276'. Perforate CP5/CP4/CP3 sds as shown in perforation report. 163 BWTR. SWIFN.

Daily Cost: \$0**Cumulative Cost: \$12,936****1/14/2011 Day: 2****Completion**

Rigless on 1/14/2011 - Perforate, frac & flowback well. - Perforate & frac well as detailed. 1456 BWTR. Open well for immediate flowback @ approx 3 BPM. Well flowed for 4 hours & turned to oil. Recovered approx 576 bbls. 880 BWTR.

Daily Cost: \$0**Cumulative Cost: \$103,013****1/17/2011 Day: 3****Completion**

Nabors #814 on 1/17/2011 - MIRUSU. Set kill plug. PU tbg. - MIRUSU. Hot oiler thawed well, check pressure (380 psi) & pumped 20 BW down csg @ 250°. RU WLT. RIH & set solid composite plug @ 4790'. POOH w/ WL & RD. Bleed pressure off well. ND frac BOPs. NU production BOPs. RU rig floor. PU & TIH w/ 4 3/4" chomp bit, bit sub & 154- jts 2 7/8" 6.5# J-55 8rd EUE tbg. Tag kill plug @ 4790'. LD 1- jt tbg. RU power swivel. SWIFN. 880 BWTR

Daily Cost: \$0**Cumulative Cost: \$113,482****1/18/2011 Day: 4****Completion**

Nabors #814 on 1/18/2011 - Drill out plugs, clean out to PBTD & made 4 swab runs. - Hot oiler had well thawed. PU 1- jt tbg & tag kill plug @ 4790'. Drill out plug in 30 min. PU tbg & tag fill @ 4849'. Clean out to plug @ 5000'. Drill out plug in 20 min. Continue PU tbg & tag plug @ 5570'. Drill out plug in 30 min. Continue PU tbg & tag fill @ 6504'. Clean out to PBTD @ 6935'. Circulate well clean. LD 3- jts tbg. RU swab equipment. Made 5- swab runs SFL & EFL @ surface. Recovered approx 40 bbls. SWIFN. 840 BWTR.

Daily Cost: \$0**Cumulative Cost: \$124,129****1/19/2011 Day: 5****Completion**

Nabors #814 on 1/19/2011 - Finish swabbing for clean up. Round trip tbg & start PU rods. - Thaw wellhead. RU swab equipment. Made 15 runs w/ SFL @ surface & EFL @ 500'. Recovered approx 120 bbls. RU swab equipment. TIH & tag fill @ 6900'. Clean out to PBTD @ 6935'. Circulate well clean. TOH w/ tbg & LD BHA. TIH w/ production tbg. RD rig floor. ND BOPs. Set TA w/ 18,000#s tension. NU wellhead. X-over for rods. PU & prime Central Hydraulic 2 1/2" X 1 1/2" X 20' X 24' RHAC rod pump. PU 6 1 1/2" sinker bars, 155- 3/4" 4

per guided rods & 30- 7/8" 4 per guided rods. SWIFN. 720 BWTR.

Daily Cost: \$0

Cumulative Cost: \$179,181

1/20/2011 Day: 6

Completion

Nabors #814 on 1/20/2011 - Continue PU rods & PWOP. - Continue PU rods. RU pumping unit. Fill tbg w/ 20 BW. Stoke test pump w/ unit to 800 psi. PWOP @ 10:00 am w/ 122" SL & 4.5 SPM. 740 BWTR. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$217,302

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

2. Name of Operator
NEWFIELD EXPLORATION COMPANY3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 802023a. Phone No. (include area code)
(435)646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 660' FSL & 1980' FEL (SW/SE) SEC. 23, T4S, R2W

At top prod. interval reported below

At total depth 6996'

14. Date Spudded
11/16/201015. Date T.D. Reached
12/28/201016. Date Completed 01/19/2011
☐ D & A ☒ Ready to Prod.18. Total Depth: MD 6996'
TVD19. Plug Back T.D.: MD 6935'
TVD20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	428'		200 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6981'		320 PRIMLITE		276'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 666'	TA @ 6568'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4842'	6596'	6434-6596'	.36"	30	
B)			4842-5512'	.34"	57	
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
4842-6596'	Frac w/ 152275#s 20/40 sand in 1000 bbls of Lightning 17 fluid in 3 stages

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/18/11	01/30/11	24	→	108	40	0.27			2-1/2" x 1-3/4" x 20' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

SOLD & USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER	4842'	6596'		GARDEN GULCH MRK GARDEN GULCH 1	4314' 4523'
				GARDEN GULCH 2 POINT 3	4652' 4947'
				X MRKR Y MRKR	5178' 5210'
				DOUGALS CREEK MRK BI CARBONATE MRK	5334' 5616'
				B LIMESTON MRK CASTLE PEAK	5757' 6274'
				BASAL CARBONATE WASATCH	6658' 6785'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
☒ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Lucy Chavez-NaupotoTitle Administrative AssistantSignature Date 01/31/2011

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Daily Activity Report**Format For Sundry****WILCKEN 15-23-4-2****10/1/2010 To 2/28/2011****WILCKEN 15-23-4-2****Waiting on Cement****Date:** 12/6/2010

Ross #21 at 425. Days Since Spud - Returned 5bbls cement to pit. - On 11/16/10 Ross #21 spud the Wilken 15-23-4-2, drilled 425' of 12 1/4", and ran 10 jts 8 5/8" - Casing W/ 200sks Class "G"+2%CaCl+.25#/SK Celloflake mixed @ 15.8ppg W/1.17yield - Casing (Guide Shoe, Shoe Joint, Baffle Plate 9jts) set @ 427.81KB. On 12/3/10 BJ Cemented 8 5/8"

Daily Cost: \$0**Cumulative Cost:** \$56,496

WILCKEN 15-23-4-2**Rigging down****Date:** 12/23/2010

NDSI #3 at 425. 0 Days Since Spud - Prepare to move

Daily Cost: \$0**Cumulative Cost:** \$63,606

WILCKEN 15-23-4-2**Drill 7 7/8" hole with fresh water****Date:** 12/24/2010

NDSI #3 at 1950. 1 Days Since Spud - Test BOP Kelly,rams,all valves & choke manifold 2000psi for 10min. Casing 1500psi for 30min. - Pick up BHA and scribe tools - Drill 7 7/8" hole from 410' to 1950' WOB/15,TRPM/145,TGPM/370,ROP/140. - MIRU

Daily Cost: \$0**Cumulative Cost:** \$149,231

WILCKEN 15-23-4-2**Drill 7 7/8" hole with fresh water****Date:** 12/25/2010

NDSI #3 at 3794. 2 Days Since Spud - Rig service - Drill 7 7/8" hole from 1950' to 2880' WOB/20,TRPM/145,TGPM/370,ROP/93. - Drill 7 7/8" hole from 2880' to 3794' WOB/20,TRPM/145,TGPM/370,ROP/87.

Daily Cost: \$0**Cumulative Cost:** \$164,636

WILCKEN 15-23-4-2**Drill 7 7/8" hole with fresh water****Date:** 12/26/2010

NDSI #3 at 5243. 3 Days Since Spud - Drill 7 7/8" hole from 3951' to 5243' WOB/20,TRPM/145,TGPM/370,ROP/72. - Drill 7 7/8" hole from 3794' to 3951' WOB/20,TRPM/145,TGPM/370,ROP/72. - Rig service

Daily Cost: \$0**Cumulative Cost:** \$180,041

WILCKEN 15-23-4-2**Drill 7 7/8" hole with fresh water****Date:** 12/27/2010

NDSI #3 at 6882. 4 Days Since Spud - Rig service - Drill 7 7/8" hole from 5243' to 5653' WOB/20,TRPM/145,TGPM/370,ROP/72. - Drill 7 7/8" hole from 5653' to 6882' WOB/20,TRPM/145,TGPM/370,ROP/72.

Daily Cost: \$0

Cumulative Cost: \$228,987

WILCKEN 15-23-4-2

Wait on Completion

Date: 12/28/2010

NDSI #3 at 6991. 5 Days Since Spud - Clean mud tanks. - 400sks tail;50:50:2+3%
KCL+.05#SF+.5%EC-1+.25#CF+.002gpsFP-6L mixed @ 14.4ppg - Rig up and cement w/BJ;
320sks lead=PLII+3%KCL+.5#CF+2#KOL+.002gpsFP-6L+5#CSE-2 mixed 11ppg - Circulate
w/rig - Rig up and run casing;164jts of 5.5-15.5# casing set @ 6981.18'KB. - Release Rig @
6:00am on 12/28/10 - LDDP & BHA - Pump 260 bbls brine - LDDP to 4000' - Circulate for logs
- Drill 7 7/8" hole from 6882' to 6991' WOB/20,TRPM/145,TGPM/370,ROP/72. - Rig up and log
with PSI; Triple combo **Finalized**

Daily Cost: \$0

Cumulative Cost: \$390,236

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

2. Name of Operator
NEWFIELD EXPLORATION COMPANY3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 802023a. Phone No. (include area code)
(435)646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 660' FSL & 1980' FEL (SW/SE) SEC. 23, T4S, R2W

At top prod. interval reported below

At total depth 6996'

14. Date Spudded
11/16/201015. Date T.D. Reached
12/28/201016. Date Completed 01/19/2011
☐ D & A ☒ Ready to Prod.18. Total Depth: MD 6996'
TVD19. Plug Back T.D.: MD 6935'
TVD20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	428'		200 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6981'		320 PRIMLITE		276'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 666'	TA @ 6568'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4842'	6596'	6434-6596'	.36"	30	
B)			4842-5512'	.34"	57	
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
4842-6596'	Frac w/ 152275#s 20/40 sand in 1000 bbls of Lightning 17 fluid in 3 stages

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/18/11	01/30/11	24	→	108	40	0.27			2-1/2" x 1-3/4" x 20' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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FEB 03 2011

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

SOLD & USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER	4842'	6596'		GARDEN GULCH MRK GARDEN GULCH 1	4314' 4523'
				GARDEN GULCH 2 POINT 3	4652' 4947'
				X MRKR Y MRKR	5178' 5210'
				DOUGALS CREEK MRK BI CARBONATE MRK	5334' 5616'
				B LIMESTON MRK CASTLE PEAK	5757' 6274'
				BASAL CARBONATE WASATCH	6658' 6785'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
☒ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Lucy Chavez-NaupotoTitle Administrative Assistant

Signature

Date 01/31/2011

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(Continued on page 3)

(Form 3160-4, page 2)

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WILCKEN 15-23-4-2

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with PSI; Triple combo **Finalized**

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Cumulative Cost: \$390,236

Pertinent Files: Go to File List

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: WILCKEN 15-23-4-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 23 Township: 04.0S Range: 02.0W Meridian: U		9. API NUMBER: 43013503030000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: PLEASANT VALLEY
COUNTY: DUCHESNE		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/24/2016	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> APD EXTENSION
<input type="checkbox"/> SPUD REPORT Date of Spud:	OTHER: <input style="width: 100px;" type="text" value="Well Clean Out"/>
<input type="checkbox"/> DRILLING REPORT Report Date:	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Newfield will be running a bit and scraper to clean out the wellbore with the intention to increase hydrocarbon production and bring the well back up to economic production volumes.

Approved by the
November 09, 2016
Oil, Gas and Mining

Date: _____

By: Derek Duff

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 10/25/2016	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: WILCKEN 15-23-4-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 23 Township: 04.0S Range: 02.0W Meridian: U		9. API NUMBER: 43013503030000
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COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/31/2016	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Well Clean Out"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On 10/31/2016, the well clean out was completed on the above mentioned well. See attached rig summary report.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 25, 2016		
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 11/3/2016	

NEWFIELD**Summary Rig Activity****Well Name: Wilcken 15-23-4-2**

Job Category	Job Start Date	Job End Date

Daily Operations

Report Start Date 10/27/2016	Report End Date 10/27/2016	24hr Activity Summary MIRU WOR. TOOH w/ rods. NU & test BOPs
Start Time 06:00	End Time 06:30	Comment Crew travel
Start Time 06:30	End Time 07:00	Comment Safety meeting w/ rig crew & hot oiler.
Start Time 07:00	End Time 08:00	Comment Wait on orders
Start Time 08:00	End Time 09:00	Comment Move rig from J-14-9-15 to location.
Start Time 09:00	End Time 09:30	Comment Crew safety meeting on location with BMW hot oiler. Go over daily operations. Identify hazards on new location. Go over JSAs. Rig up hot oiler to casing & pump 60bbls water @ 250*.
Start Time 09:30	End Time 10:00	Comment Rig service. Check brake linkage for wear & tear. Make sure all pins & keepers in place & in working order. Check drill line for wear & tear. All looked good
Start Time 10:00	End Time 11:00	Comment MIRU WOR
Start Time 11:00	End Time 12:00	Comment RD pumping unit
Start Time 12:00	End Time 13:00	Comment Unseat rod pump. Flush tbg w/ 25 bbls water @ 250 deg. Soft seat rod pump. Fill tbg w/ 15 bbls water & pressure test tbg to 3000 psi.
Start Time 13:00	End Time 15:00	Comment Trip out of hole with rod string as shown-1 1/2x30' polish rod, 2-2' 7/8 ponys, 4'6'&8' 7/8 ponys, 100-7/8 4 pers, 155-3/4 4 pers, 6 weight bars, & rod pump. Layed down 27-3/4 4 pers do to rod on tubing wear. Flushed with 25bbls water during TOOH.
Start Time 15:00	End Time 16:00	Comment ND wellhead. NU BOPs.
Start Time 16:00	End Time 17:00	Comment Pressure test each component of the BOPs w/ low test of 250-300 psi for 5 min & 5000 psi for 10 min.
Start Time 17:00	End Time 18:00	Comment Release TAC. . Pick up & run in hole with 5joints tubing to tag fill. Tagged fill @ 6808'. End of tubing to top of fill=141'. Bottom perf to top of fill=212'. Pull out of hole with tubing picked up to tag fill.
Start Time 18:00	End Time 18:30	Comment Rig up lay down line & prep to scan tubing out of hole.
Start Time 18:30	End Time 19:00	Comment Crew travel
Report Start Date 10/28/2016	Report End Date 10/28/2016	24hr Activity Summary Scan out w/ tbg. Round trip bit & scraper. TIH w/ production tbg.
Start Time 06:00	End Time 06:30	Comment Crew travel
Start Time 06:30	End Time 07:00	Comment Safety meeting w/ rig crew, hot oiler & scanners
Start Time 07:00	End Time 11:00	Comment RU Delsco tbg scanning equipment. TOOH w/ tbg (while scanning & tallying) as follows: 210- jts 2-7/8" J-55 6.5# 8rd EUE tbg, TAC, 1- jt 2-7/8" J-55 6.5# 8rd EUE tbg, PSN, 2- jts 2-7/8" J-55 6.5# 8rd EUE tbg, Notched collar. 3 - jts showed as blue band and all other tbg showed yellow band w/ tbg scan. RD tbg scan equipment.

NEWFIELD**Summary Rig Activity****Well Name: Wilcken 15-23-4-2**

--

Start Time 11:00		End Time 15:00	Comment MU TIH w/ 4-3/4" tri-cone rock bit & 5-1/2" csg scraper, 213- jts 2-7/8" J-55 6.5# 8rd EUE tbg. EOT @ 6772' KB. TOO H w/ tbg as ran. LD bit & scraper.
Start Time 15:00		End Time 17:00	Comment MU BHA & TIH w/ tbg as follows: NC (.50'), 2- jts 2-7/8" J-55 6.5# 8rd EUE tbg (62.80'), Bleed nipple (.65'), PSN (1.10'), 1- jt 2-7/8" J-55 6.5# 8rd EUE tbg (31.38'), TAC (2.80'), 210- jts 2-7/8" J-55 6.5# 8rd EUE tbg.
Start Time 17:00		End Time 18:00	Comment Set TAC @ 6554' KB w/ 18K#'s tension, PSN @ 6588' KB & EOT @ 6653' KB. Crew travel
Report Start Date 10/31/2016	Report End Date 10/31/2016	24hr Activity Summary RD work floor. ND BOP. NU well head. PU & prime new pump. TIH w/ rod detail. Fill tbg & stroke test pump. RU pumping unit. RDMOWOR NC #4. Return well to production.	
Start Time 06:00		End Time 06:30	Comment Crew travel to location.
Start Time 06:30		End Time 07:00	Comment Pre-job safety meeting & JSA discussion.
Start Time 07:00		End Time 09:00	Comment Set TAC. MU tbg hanger. Land tbg w/ 17K tension. RD work floor. ND & remove BOP. Install & NU well head.
Start Time 09:00		End Time 09:30	Comment Prep new rods.
Start Time 09:30		End Time 12:30	Comment PU & prime new Weatherford 25 - 175 - RHAC - 22 - 0 - 0 pump. TIH w/ rod detail @ follows. 23 - 7/8" 8 per guided (new), 20 - 3/4" 8 per guided (new), 118 - 3/4" 4 per guided, & 100 - 7/8" 4 per guided. Respace pump w/ 2 - 2', 1 - 6', & 1 8' x 7/8" pony rods. PU & MU New 1 1/2" x 30' polish rod.
Start Time 12:30		End Time 13:30	Comment Fill tbg w/ 15 bbls wtr. Stroke test pump to 800 psi w/ rig. Good pump action. RU pumping unit.
Start Time 13:30		End Time 14:30	Comment RDMOWR NC #4.
Start Time 14:30		End Time 15:00	Comment Clean up location & return well to production.